

## WHAT IS CLAIMED IS:

- 1                   1.       A method comprising:
  - 2                   forming a reduced message at a first network entity based on at least a
  - 3                   variant portion of a Web service message, the Web service message including a data set
  - 4                   targeted for processing on a second network entity;
  - 5                   sending the reduced message targeted for the second network entity via a
  - 6                   network; and
  - 7                   processing the data set at the second network entity based on the reduced
  - 8                   message.
- 1                   2.       The method according to Claim 1, wherein the Web service message
- 2                   comprises a SOAP message.
- 1                   3.       The method according to Claim 1, wherein forming the reduced
- 2                   message comprises forming reference data based on an invariant portion of the Web
- 3                   service message and including the reference data in the reduced message.
- 1                   4.       The method according to Claim 3, wherein the reference data
- 2                   comprises a binary representation of the invariant portion.
- 1                   5.       The method according to Claim 3, wherein the reference data
- 2                   comprises a reference to a data store containing criteria for creating a reproduction of the
- 3                   invariant portion.
- 1                   6.       The method according to Claim 5, wherein the reference to the data
- 2                   store comprises a Universal Resource Identifier (URI).

1                   7.       The method according to Claim 1, wherein processing the data set at  
2 the second network entity based on the reduced message comprises:  
3                   forming a reproduction of the Web service message based on the reduced  
4 message; and  
5                   processing the reproduction of the Web service message at the second  
6 network entity.

1                   8.       The method according to Claim 7, wherein forming the reduced  
2 message comprises forming reference data based on an invariant portion of the Web  
3 service message and including the reference data in the reduced message.

1                   9.       The method according to Claim 8, wherein forming the reproduction  
2 of the Web service message comprises forming the reproduction of the Web service  
3 message from a reproduction of the invariant portion of the Web service message.

1                   10.      The method according to Claim 7, wherein the reference data  
2 comprises a binary representation of the invariant portion.

1                   11.      The method according to Claim 7, wherein the reference data  
2 comprises a reference to a data store containing criteria for creating a reproduction of the  
3 invariant portion.

1                   12.      The method according to Claim 11, wherein the reference to the data  
2 store comprises a Universal Resource Identifier (URI).

1                   13.     A messaging system, comprising:  
2                   a first data processing arrangement coupled to transmit a reduced message  
3     based on at least a variant portion of a Web service message, the Web service message  
4     defining a set of data targeted for processing on a data processing arrangement;  
5                   a message processing arrangement coupled to receive the reduced message  
6     and transmit a reproduction of the Web service message based on the reduced message;  
7     and  
8                   a second data processing arrangement coupled to receive the reproduction  
9     of the Web service message and process the set of data based on the reproduction of the  
10  Web service message.

1                   14.     The messaging system according to Claim 13, wherein the Web  
2     service message includes a SOAP message.

1                   15.     The messaging system according to Claim 13, wherein the message  
2     processing arrangement includes a third data processing arrangement coupled to the first  
3     and second data processing arrangements via a network.

1                   16.     The messaging system according to Claim 13, wherein the message  
2     processing arrangement includes a message processing module operable on the second data  
3     processing arrangement.

1                   17.     A messaging system, comprising:  
2                   first data processing means for transmitting a Web service message, the  
3     Web service message including a variant portion and a data set targeted for processing at  
4     one or more data processing means;  
5                   message processing means for receiving the Web service message and  
6     transmitting a reduced message based on at least the variant portion of the Web service  
7     message;  
8                   second data processing means for receiving the reduced message and  
9     processing the data set of the Web service message based on the reduced message.

1                   18.     The messaging system according to Claim 17, wherein the Web  
2     service message includes a SOAP message.

1                   19.     The messaging system according to Claim 17, wherein the second  
2     data processing means is further configured for forming a reproduction of the Web service  
3     message based on the reduced message and transmitting the reproduction of the Web  
4     service message, the messaging system further comprising third data processing means for  
5     receiving the reproduction of the Web service message and processing the data set of the  
6     Web service message based on the reproduction of the Web service message.

1                   20.     The messaging system according to Claim 17, further comprising  
2     means for storing a criteria accessible by the message processing means, the criteria used  
3     by the message processing means for forming the reduced message based at least on the  
4     variant portion of the Web service message.

1                   21.     A mobile terminal wirelessly coupled to a network which includes a  
2     network element, the mobile terminal comprising:

3                   a memory capable of storing at least one of a messaging module and a Web  
4     services processing module;  
5                   a processor coupled to the memory and configured by the messaging  
6     module to form outgoing reduced messages targeted for the network element based on at  
7     least variant portions of Web service messages generated at the Web services processing  
8     module, the processor further configured by the messaging module to form reproduced  
9     Web service messages targeted for the Web services processing module based on incoming  
10    reduced messages from the network element; and

11                  a transceiver configured to facilitate exchange of the incoming and outgoing  
12    reduced messages with the network element.

1                   22.     The mobile terminal according to Claim 21, wherein the Web  
2     service messages include SOAP messages.

1                   23. A computer-readable medium having instructions stored thereon  
2 which are executable by a mobile terminal for exchanging messages with a remote data  
3 processing arrangement coupled via a network by performing steps comprising:  
4                   forming a reduced message based on at least a variant portion of a Web  
5 service message, the Web service message including a data set targeted for processing on  
6 the remote data processing arrangement;  
7                   sending the reduced message targeted for the remote data processing  
8 arrangement; and  
9                   receiving a response message from the remote data processing arrangement  
10 in response to the reduced message.

1                   24. The computer readable medium according to Claim 23, wherein the  
2 response message comprises a reduced response message based on at least a variant  
3 portion of a Web service response message generated by the remote data processing  
4 arrangement.

1                   25. The computer readable medium according to Claim 24, wherein the  
2 steps further comprise:  
3                   forming a reproduction of the Web service response message based on the  
4 reduced response message; and  
5                   processing the reproduction of the Web service response message.

1                   26. The computer readable medium according to Claim 23, wherein the  
2 Web service message comprises a SOAP message.

1                   27. A server within a network used to facilitate an exchange of  
2 messages, comprising:  
3                   means for receiving a reduced message based on at least a variant portion of  
4 a Web service message originating from a first terminal and targeted for a second terminal;  
5                   means for forming a reproduction of the Web service message based on the  
6 reduced message; and  
7                   means for sending the reproduction of the Web service message to the  
8 second terminal.

1                   28. The server according to Claim 27, further comprising means for  
2 accessing a data store containing criteria for forming the reproduction of the Web service  
3 message based on the reduced message.

1                   29. The server according to Claim 27, wherein the Web service message  
2 comprises a SOAP message.